



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
SUPERFUND SITE STRATEGY RECOMMENDATION - REGION 06



Site Name: ChemSep, Inc.

CERCLIS ID#: TXR000068908

Alias Site Name: Hydrosep, Inc.; Intergulf Corporation; K-Solv L.P.

Address: 1015 Lakeside Drive



690799

City/County or Parish/State/Zip: Channelview/Harris County/Texas/77530

Report Type: Pre-CERCLIS Screen

Date: August 21, 2012

Author: TCEQ - Anna Lund

RECOMMENDATION:

<input type="checkbox"/> 1. No Further Remedial Action Planned Under Superfund (NFRAP)	<input type="checkbox"/> 2. Further Investigation Needed Under Superfund <table border="0"><tr><td><input type="checkbox"/> PA</td><td><input type="checkbox"/> HRS</td><td>Priority: <input type="checkbox"/> High</td></tr><tr><td><input type="checkbox"/> SI</td><td><input type="checkbox"/> RI/FS</td><td><input type="checkbox"/> Low</td></tr><tr><td><input type="checkbox"/> ESI</td><td><input type="checkbox"/> RA</td><td></td></tr><tr><td colspan="3"><input type="checkbox"/> Other: _____</td></tr><tr><td colspan="3">To be performed by: _____</td></tr></table>	<input type="checkbox"/> PA	<input type="checkbox"/> HRS	Priority: <input type="checkbox"/> High	<input type="checkbox"/> SI	<input type="checkbox"/> RI/FS	<input type="checkbox"/> Low	<input type="checkbox"/> ESI	<input type="checkbox"/> RA		<input type="checkbox"/> Other: _____			To be performed by: _____		
<input type="checkbox"/> PA	<input type="checkbox"/> HRS	Priority: <input type="checkbox"/> High														
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<input type="checkbox"/> ESI	<input type="checkbox"/> RA															
<input type="checkbox"/> Other: _____																
To be performed by: _____																
<input type="checkbox"/> 3. Action Deferred to: <input type="checkbox"/> RCRA <input type="checkbox"/> NRC																
<input checked="" type="checkbox"/> 4. Site Being Addressed Under the State Voluntary Cleanup Program (VCP): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																

NOTIFY AUTHORITY:

<input type="checkbox"/> Removal	<input type="checkbox"/> RCRA	<input type="checkbox"/> TSCA	<input type="checkbox"/> CAA	<input type="checkbox"/> SMCRA
<input type="checkbox"/> Remedial	<input type="checkbox"/> State/Tribe	<input type="checkbox"/> NPDES	<input type="checkbox"/> NRC	<input type="checkbox"/> Resource Trustee: _____
<input type="checkbox"/> CERCLA	<input type="checkbox"/> Federal Facility	<input type="checkbox"/> UIC	<input type="checkbox"/> SPCC	<input type="checkbox"/> Other: _____
SEND SSSR COPIES TO: <input type="checkbox"/> 6SF-AC <input type="checkbox"/> 6WQ-SP <input type="checkbox"/> ATSDR <input checked="" type="checkbox"/> State Agency <input type="checkbox"/> Tribal Agency				

DISCUSSION:

The former ChemSep, Inc. facility (site) is located at 1015 Lakeside Dr. in Channelview. The site is currently an active chemical distributor and wholesaler facility that is operated by K-Solv L.P. It is approximately six acres in size and is located in an industrial/residential area. Located on-site is an office building, tank farm, warehouse, canopy covered storage area, maintenance shack, guard house, lab, vapor recovery and flare, and a floating dock/barge. The majority of the property is surfaced with concrete. K-Solv's processed chemicals are located in a concrete secondary containment area on the east side of the property. A strip of unimproved land and an industrial area is located south of the site. There are several single family residences located north and northwest of the site. A heavily vegetated area and the Old River border the east side of the site.

Channel Bunker Service Inc. owned the property from 1987 to 1996. In 1996, Lakeside Terminals, Inc. purchased the property from Channel Bunker Service. In 2002, the property was purchased by K-Solv Properties L.P. During the period of Channel Bunker Service Inc. ownership, from 1987 to 1996, several companies operated at the site. From 1987 to 1995, the site was utilized by Channel Bunker Service Inc. and Intergulf Fuels to provide bunker fuel by barge and dockside fueling to marine vessels in the Houston Ship Channel. A release of an unknown quantity of oil reportedly occurred from the site that affected the Old River on May 27, 1993. From 1995 to 1996, the site was used by ChemSep, Inc. to provide liquid recycling and disposal of marine pollution waste. While owned by Lakeside Terminals, Inc., from 1996 to 2002, the site was utilized as a barge and truck loading/unloading facility that handled and stored marine diesel fuel, fuel oils, and similar products. In April 1999, a spill of diesel fuel reportedly occurred at the site, and a soil and a ground water contamination study was

performed by a consultant for the site owner. The study concluded that no concerns of soil and/or ground water were present as a result of operations at the facility and further study of soil and ground water at the site was not warranted.

A Phase I Environmental Site Assessment (ESA) was conducted in December 2005. During this investigation, an area of fuel spillage onto soil was observed near the aboveground storage tank fill port. To investigate this release, a Phase II ESA was performed in January 2006. After noting that the impacted soil in the area of the release had been removed and leveled in preparation for paving, one exploratory boring was drilled in the vicinity of the suspected point of release. The boring was terminated at a depth of 25 feet below ground surface. Ground-water was not encountered in the soil boring. On-site analysis of soils samples for total organic vapors indicated concentrations of volatile hydrocarbons ranging from non-detectable to 40 parts per million (ppm). Lab reports of the soil samples indicated non-detectable concentrations of Total Petroleum Hydrocarbons (TPH) and volatile organic compounds; except for an elevated level of benzene (0.148 ppm) collected from a depth of five feet below ground surface (bgs).

Currently, the site holds a solid waste registration permit with the Texas Commission on Environmental Quality (TCEQ) and a pollution prevention planning permit. These registrations are for large quantity generators and container storage areas.

This Pre-CERCLIS Screening Assessment evaluated potential sources of dioxins at the site because ChemSep, Inc. reportedly recycled used oil from 1995 to 1996 while providing liquid recycling and disposal of marine pollution waste to vessels using the Houston Ship Channel. During the site visit conducted in support of this Pre-CERCLIS Screening Assessment, no potential sources of hazardous substances associated with dioxins were identified. In addition, there was no evidence of landfills, active waste lagoons, surface impoundments, drums, or tanks associated with dioxins observed at the time of the site visit.

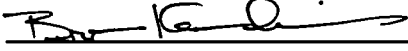

According to the Harris-Galveston Subsidence District, there are a total of 218 active ground water wells within a 4-mile radius of the site. One industrial and one other use well are located within 0.5 mile of the site. The closest Public Water Supply (PWS) well is located 0.75 mile from the site. There are two PWS wells and two industrial wells within one mile of the site. These wells range in depth from 132 to 1,602 feet bgs and withdraw ground water from the Chicot and Evangeline aquifers. There are no private wells located on-site. Water to the site is supplied from Lake Houston and the Trinity River.

During the site visit, no areas of contaminated soils were observed and on-site vegetation appeared to be normal. The site is secured on the west and south sides of the property by a chain-linked fence topped with barbed-wire. There is a guard house located on the southwestern corner of the property where the entrance to the site is located. This entrance is locked and under surveillance at all times. The east side of the site is not secured with a fence; however, it can only be accessed from the Old River, the access to which is controlled by Homeland Security. A wooden privacy fence is located along the north side of the property. A portion of the fence appears to have been backed into by a vehicle, but is still intact. The nearest residential homes are located within 200 feet northwest of the site's northern boundary. The nearest school is De Zavala Elementary, located one mile northwest of the site.

The topography of the site is generally flat with a slight slope towards the east. Storm water from the site drains towards the east into an on-site drainage system where water is captured, tested, and characterized prior to being released into the Old River. The Old River is less than 100 feet east from the on-site drainage system release point. This location in the Old River is identified as the PPE. Water from the Old River enters into the Upper San Jacinto Bay, flows into Galveston Bay, and then empties into the Gulf of Mexico. The site is located outside the 100 and 500-year floodplains, with a minimal flood hazard of 0.2-percent-annual-chance. There are no surface water intakes located within 15-miles downstream of the site.

Based on the information presented in this report, this site is not recommended for further evaluation under CERCLA. The State will be provided a copy of this decision document.

APPROVALS:

Report Reviewed by:	<u>Bret Kendrick</u> (Site Assessment Manager)	Signature:	<u></u>	Date:	<u>09/18/12</u>
Disposition					
Approved by:	<u>Chris Villarreal</u> (Section Chief 6SF-TR)	Signature:	<u></u>	Date:	<u>8/26/13</u>